

# ALEXANDRIA GAZETTE AND VIRGINIA ADVERTISER.

## Alexandria Gazette

SATURDAY EVENING, NOVEMBER 16,

**IS WHITE ICE IMPURE?**—Much of the prejudice that exists against white ice is based on a want of proper discrimination between ice that is simply white and ice that is dirty and discolored. Professor Tyndall lays it down as a principle that "whiteness always results from the intimate and irregular mixture of air with a transparent solid," and illustrates it by referring to ground glass, table salt, and other articles, which become white when the masses of glass in the one instance, and of salt in the other, are separated and air admitted. Of course the salt is just as free from impurities in the opaque form of fine white powder as in the transparent form of saltpeter. It has simply ceased to be transparent, and it is by the operation of the same natural law of light that clear, limpid water often makes white ice. The color of ice thus depending on the expulsion of the air from the water during crystallization, it follows: First, that when the weather is intensely cold and the atmosphere favorable to abundant nocturnal radiation, the ice formed on still water or sluggish streams, containing more than the average amount of air, is apt to be whiter than usual; and second, that the ice thus formed is not the less pure because it is white, as its color is due to the presence of atmospheric air, which was not expelled in the act of freezing. This air is the same that we breathe and that all pure water is known to contain. Whiteness in ice thus brings rather an index of purity than otherwise, the only remaining question is whether white ice is as valuable as the transparent product in an economical point of view? And on this point scientists are very emphatic in saying that it is preferable, at least for some purposes. Tyndall tells us that he found among the glaciers of the Alps ridges of this white ice, and that they invariably stood three or four feet above the general level of the blue ice. The difference in their height, as compared with the latter, he ascribed to their greater power of resistance to the sun's rays, which are the only melting influence to which they are subject in these regions of eternal frost. In this inference he is supported by many practical experiments not confined to scientific, and showing that white ice exposed to the sun's rays will last longer than transparent, bulk for bulk, and weight for weight. Thus it appears that ice does not detract from, but rather adds to its commercial value.

### Opening and Closing of the Mails.

CLOSING.

Washington, D. C., North and Northeastern mails 12 m., and 8 15 p. m.

Western mails 4 20 p. m. and 8 15 p. m.

Southern mails, via Richmond, Va., 6 00 a. m. and 5 00 and 9 00 p. m.

South and Southwestern mails, via Lynchburg, Virginia, 6 00 a. m. and 5 30 p. m.

Alexandria, 6 00 a. m. and 5 30 p. m.

Gordonsville and Charlottesville, Va., 6 00 a. m. and 9 00 p. m.

Manassas Division 6 00 a. m.

Alexandria to Bound Hill, Va., 7 45 a. m.

CLOSING.

Northern and Western mails, via Washington, D. C., 8 30 a. m. and 2 30 and 6 00 p. m.

Southern mails, via Richmond, Va., 6 00 a. m. and 1 00 p. m.

Southwestern mails via Lynchburg, Virginia, (through mail) including through mail, 6 00 a. m. and 5 30 p. m.

Gordonsville and Charlottesville, Va., 6 00 a. m. and 9 00 p. m.

Manassas Division 6 00 a. m.

Round Hill to Alexandria, Va., 3 30 p. m.

Office Hours—Office opens at 8 30 a. m., and closes at 7 00 p. m.

Sunday Hours—Office opens at 8 45 a. m., and closes at 9 30 a. m.

NOTICE.

The partnership heretofore carried on by W. A. Johnson and John T. Hammond, under the firm name and style of W. A. JOHNSON & CO., in Alexandria, Va., has this day been dissolved by mutual consent, and both of the undersigned are authorized to receive payment of all debts owing to the said partnership and sign in settlement.

Dated this 18th day of October, 1879.

W. A. JOHNSON.

JNO. T. HAMMOND.

The undersigned desires to express his thanks to his friends for their patronage to the late firm of Wm. A. Johnson & Co., and he hopes that they will continue the same to Mr. JOHN T. HAMMOND, who will continue the business for himself under the same name and at the same place.

W. A. JOHNSON.

The undersigned will continue the GROCERY, LIQUOR AND COMMISSION BUSINESS, under the firm name of W. A. JOHNSON & CO., at the same place, and he solicits the patronage of the friends of the late firm of Wm. A. Johnson & Co., and the public generally.

Oct 20 JNO. T. HAMMOND.

ESTABLISHED 1850.

**J.P. CLARKE**  
AT THE OLD LOCATION—165 KING ST.,

Will exhibit a well assorted stock of WALL PAPERS, WINDOW SHADES, CORNICES, CORD and TAISELS, FIRE PICTURES and PICTURE FRAMES, from the best manufacturers and importers, of the newest and most popular designs.

He intends by faithful attention to the wants of his customers and fair dealing to merit a share of their patronage.

Oct 21 J. T. CREIGHTON & SON.

PREMIUM FRUIT TREES.

(D. O. MUNSON'S NURSERY.)

Will take orders for the above Fruit, Ornamental and shade Trees, Small Fruits, Roses, Flowering Shrubs, &c., at Nursery prices, at my store, corner of Fairfax and Franklin st., Bond card, and I will call and take your orders and leave catalogues of prices and varieties, and can give purchasers inquiring useful hints about desirable varieties.

Oct 22 W. P. GRAVES.

SOAP—Carbolic, Sulphur, Turp Oil, Mes Rose, Alstrian, Orange Blossom, Peach Bloom, Cashmere and Camelin, Bouquet, Castle, Oriental, Honey Rose, Glycerine, Brown Windsor, Elder Flower, Cypress, with Packers, All Healing Tea Soap, for the cure of any disease or eruption of the skin, and Corn Meal Soap, the use of which will remove the complexion, soft, smooth and white. A full stick just received by

WAKFIELD & HALL,

DRUGISTS

CO. PRINCE & FAIRFAX ST.

Prescriptions a specialty, English, French, German and Domestic Toilet Soaps; Genuine Farina Cologne; Magnolia, Hedyosmum, Geranium and Florida Water; Genuine Lubin's Extracts; Sponges, Hair Brushes and Combs; best English Tooth Brushes; a full assortment of Patent Medicines; Cox's Gelatine; Corn Starch; Sea Moss; Farina; Spices of all kinds, and a selected stock of all articles sold by druggists at prices as low as the same quality can be obtained elsewhere.

Oct 23 W. FRANLIN'S ORKINGTON

Wholesale and Retail Dealer in

BRUSHS, CHEMICALS, PATENT MEDICINES, PAINTS, OILS, DYING STUFFS,

GARDEN SEEDS, &c., &c.

Oct 24 J. T. CREIGHTON & SON.

VERILL'S CREAMICAL PAINTS.—We

desire to call attention to the above cele-

brated paints ready mixed, which we have been selling with great satisfaction to our customers for several years past. All paints have advanced very much during the past month, but the price of Verill's is the same as before.

Oct 25 E. S. LEADBEATER & BRO.

NOTICE—WE WILL, AT ALL TIMES,

SELL GROCERIES AS CHEAP, AND

MANY OF THEM CHEAPER, THAN ANY

PICE LIST ADVERTISED. A comparison of prices solicited.

F. J. DAVIDSON.

NEW FAMILY FAT MACKEREL, in

kits, just received and for sale by

J. C. MILBURN.

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